IN THE SPECIFICATION:

Please amend the Specification as follows.

Please amend the paragraph at page 4 lines 10-15 as follows:

A ~~techniques~~ technique for high throughput messaging is disclosed. In the following description, for purposes of explanation, specific nomenclature is set forth to provide a thorough understanding of the invention. However, it will be apparent to one skilled in the art that these specific details are not required in order to practice the invention. In other instances, well-known structures and devices are shown in block diagram form in order not to obscure the description of the invention with unnecessary detail.

Please amend the paragraph at page 5, line19 to page 6, line 12 as follows:

At block 120 (**Figure 1**), the process compares the data format and arguments of the new message with prior state information shared with the target receiver. In general, the prior state information may comprise any information accessible to the receiver party. In one embodiment, the prior state information may comprise a message previously sent to the target receiver (referred herein as a prior message). In another embodiment, the prior state information may comprise a ~~pervious~~ previous argument in a new message. At block 130, the process determines whether the new message is similar to selected prior state information (*i.e.*, the new message has at least a portion of the same data format and some of the data format in the prior state information is contained in the new message). If the new message is similar to the selected prior state information (*e.g.*, a prior message), the procedure jumps back to block 155. If the new message does not contain prior state information, the procedure

further selects, if available, additional prior state information, such as another prior message for comparison with the new message. If additional prior state information is available, the procedure returns to block 120. If additional prior state information is not available for comparison, the procedure continues to block 150. At block 150, the new message is sent to the target receiver, and the procedure ends.

Please amend the paragraph at page 12, lines 12-20 as follows:

In one embodiment for difference messages, the prior argument tags (*e.g.*, 486 and 487 in **Figure 4D**) identify the arguments of each data structure in the current message that are different than those of the corresponding data structure of the prior message(s) (i.e., the prior message and corresponding data structures for those prior messages are referenced in the prior messages field 474 and data structures field 475 and 477, respectively). For the examples of **Figures 4A-4D**, argument tag "Diff ~~2~~ 4" 486 references Arg 2 466 of data structure #1 455 in prior message "Message ID 0002" 450. Prior argument tag "Diff 1 487 references ~~Arg 1 467 of data structure #2 457 in prior message "Message ID 0002" 450~~ "September".

Please amend the paragraph at page 13, line 19 to page 14, line 13 as follows:

One embodiment of reconstructing the current message 410 from the difference message 470 and the prior messages 430 and 450 is as follows. As described in reference to Figure 2, difference message 470 is received at the receiver, and the receiver determines, from the prior message tags 474, that the message is a difference message. Prior messages "Message ID 0001" (430) and "Message ID 0002" (450) are retrieved, and are used in conjunction with difference message 470 to reconstruct the current message 410. First, the message format of the current message

410 is determined, from the message format field 473, to be identical to the message format of prior message "Message ID 0001" (430). Thus, as a starting point, the prior message 430 has a "friendly letter" data structure with a greeting, as an argument, "Hello All." Also, as a starting point, the prior message 450 has a "daily calendar" data structure with "August", as an argument.[["]] Using the difference message 470, the receiver replaces the data in Arg ~~1~~ 4 of "friendly letter" data structure with argument, ~~"Joe"~~ "Kitty", and replaces the data in Arg 1 of "weekly calendar" data structure with the argument "September." The greeting reconstructed from difference message 470 now correctly reads "Hello ~~Joe~~ Kitty", and is the same as the current message ~~450~~ 410. Similarly, the weekly calendar fields reconstructed from difference message 470 now correctly ~~reads~~ read "September 14" and "meeting at 1:00."